

Quarterly Report – Public Page

Date of Report: 3Q 2025 – September 30, 2025
Contract Number: 693JK310011POTA
Prepared for: DOT
Project Title: Investigate Damage Mechanisms for Hydrogen and Hydrogen/Natural Gas Blends to Determine Inspection Intervals for In-Line Inspection Tools
Prepared by: Michiel Brongers – Principal Investigator
Contact Information: Michiel Brongers
michiel.brongers@kiefner.com
614-888-8220

For quarterly period ending: September 30, 2025

1: Items Completed During this Quarterly Period:

- Conducted quarterly TAP meeting with the Project Team and TAP members on 19 August 2025.
- Attended biweekly meetings of ASME B31.8 Task Group on Hydrogen as a visitor (online).
- Reviewed ballot documents for H₂ Task Group and O&M Committee.
- Attended ASME B31.8 CO&M committee meeting in Houston, TX on September 15-16, 2025.
- Prepared Task 3 Final Report, upon review by academic TAP members and PHMSA representatives. Uploaded the Task 3 Final Report to the PHMSA website.
- (Re-)distributed the Final Reports for Task 1 (literature review), Task 2 (risk assessment), Task 3 (Code review), and Task 5 (H₂/Natural gas blend pipelines) to the TAP members.
- Continued review of existing methods to calculate inspection intervals for hydrogen pipelines.
- Continued evaluation of threat analysis procedures, based on ILI anomaly descriptions and interpretations.
- Submitted July and August Monthly Reports
- Completed and Issued 3Q Report 2025
- Issued 3Q 2025 Invoice

2: Items Not-Completed During this Quarterly Period:

- No incomplete items. The project is on schedule.

3: Project Financial Tracking During this Quarterly Period:

- Reference Internal 3Q 2025 Report.

4: Project Technical Status:

- This period (Q3), work was performed on Tasks 4, 6, and 8. In Q4, this work will continue and work on Task 7 will start.

5: Project Schedule:

	Year	2023												2024												2025												2026								
	Quarter	Q4				Q1				Q2				Q3				Q4				Q1				Q2				Q3				Q4			Q1			Q2			Q3			
	Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36									
Task 1 - Perform Literature Review and Public Industry Outreach																																														
Task 2 - Review ASME B31.8S Table 3 and Other Risk Assessment Tools																																														
Task 3 - Recommend Revisions in 49 CFR 192, ASME B31.8S, and ASME B31.12																																														
Task 4 - Determine Changes to Integrity Management Reinspection Intervals																																														
Task 5 - Evaluate Analyses for Different Hydrogen/Natural Gas Blends																																														
Task 6 - Evaluate Analyses for Threats Informed by Previous Study																																														
Task 7 - Perform Validation to Confirm Threats Result from Hydrogen Service																																														
Task 8a – Deliver reported results – quarterly status reports																																														
Task 8b – Deliver reported results – draft final report																																														
Task 8c – Deliver review comments from academic TAP members																																														
Task 8d – Deliver reported results – final report																																														
Task 9a – (Other) Technology transfer – presentation																																														
Task 9b – (Other) Technology transfer – publication																																														
Task 9c – Deliver public version of final report																																														

NOT STARTED IN PROGRESS COMPLETE LATE PLANNED TO-DATE BAR